

INTERNATIONAL SEARCH REPORT

National Application No

IB2004/005072

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D513/04 C07D497/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/25242 A (ASTRAZENECA) 12 April 2001 (2001-04-12) cited in the application claims; examples 4,7,8,31,43	1-8,10
A	WO 99/51608 A (DU PONT) 14 October 1999 (1999-10-14) page 18, scheme 1, examples, claims	1-8,10
P,X	WO 2004/026880 A (ASTRAZENECA) 1 April 2004 (2004-04-01) claims; example 2	10

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

8 document member of the same patent family

Date of the actual completion of the international search

10 March 2005

Date of mailing of the international search report

27. 06. 2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Helps, I

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International application No.
PCT/GB2004/005072

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-8, 10

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-8,10

Process for the preparation of thiazolopyrimidines,
including intermediates of formulae IV, II and III, and
certain final products.

2. claim: 9

Inermediates of formula V

INTERNATIONAL SEARCH REPORT

Information on patent family members

Original Application No

JP2004/005072

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0125242	A	12-04-2001	AT 257838 T	15-01-2004
			AU 777872 B2	04-11-2004
			AU 7304900 A	10-05-2001
			BR 0014334 A	11-06-2002
			CA 2385269 A1	12-04-2001
			CN 1402730 A	12-03-2003
			CZ 20021113 A3	12-06-2002
			DE 60007768 D1	19-02-2004
			DE 60007768 T2	02-12-2004
			DK 1222195 T3	19-04-2004
			EE 200200174 A	15-04-2003
			EP 1222195 A1	17-07-2002
			EP 1348709 A2	01-10-2003
			ES 2213043 T3	16-08-2004
			WO 0125242 A1	12-04-2001
			HU 0204246 A2	28-04-2003
			JP 2003511384 T	25-03-2003
			MX PA02003263 A	30-09-2002
			NO 20021448 A	22-05-2002
			NZ 517880 A	26-09-2003
			PL 365778 A1	10-01-2005
			PT 1222195 T	31-05-2004
			SI 1222195 T1	30-06-2004
			US 6790850 B1	14-09-2004
			US 2004224961 A1	11-11-2004
			ZA 200202380 A	04-08-2003
WO 9951608	A	14-10-1999	AU 3213699 A	25-10-1999
			CA 2326884 A1	14-10-1999
			EP 1068212 A1	17-01-2001
			JP 2002510695 T	09-04-2002
			WO 9951608 A1	14-10-1999
			US 6107294 A	22-08-2000
WO 2004026880	A	01-04-2004	AU 2003267571 A1	08-04-2004
			WO 2004026880 A1	01-04-2004